KOKUSAI LINE

M. V. KONGO MARU
9,500 TONS D. W., 20 KNOTS
ORIENT — NEW YORK REGULAR EXPRESS SERVICE

HARIMA S. No. 205

Ship's Name: "Kongo-Maru"

General Arrangement
(Reference Plan)

No.

THE HARIMA SHIP BUILDING & ENGINEERING CO., LTD.,

S № 205
一般艤装
尺度1/48吋ヲ以テ1呎トス
株式會社
播磨造船所造機部
部長
副長
設計係
昭和　年　月　日
圖面番號
出圖番號
PRINCIPAL DIMENSIONS.
LENGTH OVER ALL 477'-0"
LENGTH BETWEEN PERPENDICULARS 450'-0"
BREDTH MOULDED 61'-0"
DEPTH MOULDED TO SHELTER DECK 40'-0"
LOAD DRAUGHT ABOUT 26'-9"
SHEER FORE 8'-6"
AFT 5'-0"
HIGHT OF DECKS
SHELTER DECK TO SECOND DECK BEAM TO BEAM. 9'-0"
SECOND DECK TO THIRD DECK 10'-0"
SHELTER DECK TO SALOON DECK 8'-0"
SALOON DECK TO BOAT DECK 8'-0"
BOAT DECK TO FLYING BRIDGE & CASING TOP. 9'-0"
FLYING BRIDGE TO COMPASS BRIDGE 7'-6"
FORECASTLE DECK 7'-0"
POOP HOUSE 7'-6"
DECK STORE ON SHELTER DECK 7'-0"
BOAT DECK TO SHADE DECK 8'-0"
DOCKING BRIDGE DECK
SALOON DECK
BOAT DECK
FLYING BRIDGE DECK
COMPASS BRIDGE DECK
FORECASTLE DECK
SHELTER DECK
2ND DECK
3RD DECK
HOLD
MACHINERY SPACE
MACHINERY OPENING

S No 205
金剛丸
鋼材配置
其ノ一
完成圖
尺度1/8吋ヲ以テ1呎トス
株式會社
播磨造船所造船部
部長
副長
設計係
主任
擔當
製圖
寫圖
昭和 年 月 日
圖面番號
出圖番號
BOAT DECK
DOCKING BRIDGE
MACHINERY OPENING
MACHINERY SPACE
FLYING BRIDGE & SHADE DECK

SNo 205

金剛丸

鋼材配置

其ノ一

完成圖

尺度1/8吋ヲ以テ1呎トス

株式會社
播磨造船所造船部

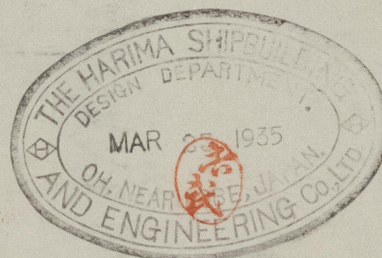
部長	副長	設計係			
		主任	擔當	製圖	寫圖

昭和 年 月 日

圖面番號	
出圖番號	

Kongo Maru

Kobe Rept: 8981

Profile + Decks
Sheet I

SHELTER DECK PLAN
2ND DECK PLAN
3RD DECK PLAN
MACHINERY OPENING
SNo 205
金剛丸
其ノ二
完成圖
尺度1/8吋ヲ以テ1呎トス
株式會社
播磨造船所造船部
部長
副長
昭和 年 月 日
圖面番號
出圖番號

Kongo Maru

Kobe Rept 8981

Profile & Deck
Sheet II

010502-010508-0084

SNo 205

金剛丸

中央切断

尺度1/2吋カ以テ1呎トス

株式會社
播磨造船所造船部

部長	副長	設計係 主任	擔當	製圖	寫圖

昭和　年　月　日

圖面番號

出圖番號

F.S. D.O.

Kongo Maru

Kobe Rep 8981

Mid Sec (as Built)

010502-010508-0086

PRINCIPAL DIMENSIONS.
LENGTH BETWEEN P.P. 450'-0"
BREADTH MOULDED 61'-0"
DEPTH MOULDED TO SHELTER DECK ABOVE BASE LINE. 40'-0"
HEIGHT BETWEEN SHELTER & SECOND DECKS. BEAM TO BEAM. 9'-0"
HEIGHT BETWEEN SECOND & THIRD DECKS. BEAM TO BEAM. 10'-0"
HEIGHT BETWEEN SHELTER & SALOON DECKS. BEAM TO BEAM 8'-0"
HEIGHT BETWEEN SALOON & BOAT DECK BEAM TO BEAM. 8'-0"
HEIGHT BETWEEN BOAT DECK & FLYING BRIDGE BEAM TO BEAM. 9'-0"
HEIGHT BETWEEN SHELTER & FORCASTLE DECKS BEAM TO BEAM 7'-0"
HEIGHT OF DECK STORES UNDER DERRICK TABLES. 7'-0"
HEIGHT OF POOP HOUSE BEAM TO BEAM. 7'-6"
SCANTLINGS SUITABLE FOR THE MAXIMUM GEOMETRIC DRAUGHT OF A COMPLETE SUPERSTRUCTURE VESSEL HAVING A DEPTH MOULDED OF 40.06'
SCANTLING NUMBERS.
L. {450+19 (FROM AP. TO AFT END OF CRUISER STERN)} x .96 = 450.24.
D 40.06
1ST. LONGITUDINAL NUMBER (L x D) 18,036.61
B 61.00
2ND LONGITUDINAL NUMBER L x (B+D) 45,501.25
L/D TO SHELTER DECK 11.24
d. 17.21
CORRECTED FOR TANK SIDE BRACKETS. 16.79
CLASS + 100 A1 WITH FREEBOARD AT LLOYDS
EQUIPMENT NUMBER
2ND LONGITUDINAL NUMBER = 450.24 x (40.06 + 61) = 45,501.
FORECASTLE = 34 x 7 x 3/4 = 179.
HOUSE ON SHELTER DECK = 90 x 8 x 1/2 = 360.
HOUSE ON SALOON DECK = 87 x 8 x 1/2 = 348.
HOUSE ON BOAT DECK = 87 x 9 x 1/2 = 392.
EQUIPMENT NUMBER 46,780.
EQUIPMENT
3 BOWER ANCHORS (STOCKLESS) EACH 81½ CWTS.
1 STERN ANCHOR (STOCKLESS) 29⅜ "
2½" STUD CHAIN CABLE 300 FATHOMS.
4¾" SPECIAL FLEXIBLE STEEL WIRE ROPE 6 x 24 FOR STREAM ANCHOR 120 "
5½" " " " " " FOR TOW LINE 130 "
8" MANILA ROPE FOR HAWSER (LENGTH OWNER'S EXTRA) 2-120 "
8" MANILA ROPE FOR WARPS (" " ") 2-120 "
3" STEEL WIRE ROPE (OWNER'S EXTRA). 4-120 "
SIDE COAMING PL. .44"
END " " .44"
COAMING ANGLE 90 x 75 x 12
TO BE FITTED WITH SLIP BOLTS (FOR ALL HATCH WAYS).
ROWS OF RIVETING IN BUTTS
PITCH OF RIVETS
BOAT DECK
SALOON DECK
SHELTER DECK.
SECOND DECK.
THIRD DECK.
SNo 205
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HARIMA S. No. 205.

Ship's Name: "Kongo-Maru"

Stern construction plan.

No.

THE HARIMA SHIP BUILDING & ENGINEERING CO., LTD.,

BOX No 126

HARIMA S. No. 205

Ship's Name: "Kongo-Maru"

Revised plan of stern frame and rudder.

No. 27

THE HARIMA SHIP BUILDING & ENGINEERING CO., LTD.,

MARK.	NAME		MATERIAL	ASSUMED WT.	REMARKS
1	STERN FRAME	O	CAST STEEL	20.00 K.TON	
2	RUDDER STOCK	O	FORGED "	8.50	TWO PIECE.
3	MAIN PIECE	O	CAST "	3.00	
4	PINTLE WITH NUT & SPLIT PIN	O	FORGED "	0.33	PINTLE TO BE HARDNING.
5	RIMER BOLT WITH NUT & SPLIT PIN	O	MILD "	0.16	
6	BUSH AT TOP BEARING		GUN METAL	0.20	TO BE SHRINK-FIT
7	BUSH AT "		" "	0.38	
8	BUSH AT PINTLE		" "	0.03	TO BE SHRINK-FIT
9	LINNING AT PINTLE		LIGNUMVITAE	0.01	
10	BEARING DISC		HARD STEEL	0.03	
11	STUD BOLT OF PINTLE		MILD "		
12	STUD BOLT OF BEARING DISC		" "		
13	RUDDER PLATE .60"	O	"	4.20	
14	RUDDER TOP PLATE .60"	O	"	0.13	
15	" BOTTOM " .60"	O	"	0.13	
16	VERTICAL STIFFENER .44"	O	"	0.15	
17	HORIZONTAL " .44"	O	"	0.32	
18	EDGE PIECE	O	FORGED STEEL.	0.18	

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Revised plan of stern frame and rudder.

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MARK.	NAME		MATERIAL	ASSUMED WT.	REMARKS.
1	STERN FRAME	O	CAST STEEL	20.00 K.TON	
2	RUDDER STOCK	O	FORGED	8.50	TWO PIECE.
3	MAIN PIECE.	O	CAST	3.00	
4	PINTLE WITH NUT & PIN.	O	FORGED	0.33	PINTLE TO BE HARDNING.
5	RIMER BOLT WITH NUT & PIN.	O	MILD	0.16	
6	BUSH AT TOP BEARING		GUN METAL	0.20	TO BE SHRINK-FIT
7	BUSH AT "		"	0.38	
8	BUSH AT PINTLE		"	0.03	TO BE SHRINK-FIT.
9	LINNING AT PINTLE		LIGNUMVITAE	0.01	
10	BEARING DISC.		HARD STEEL	0.03	
11	STUD BOLT OF PINTLE		MILD		
12	STUD BOLT OF BEARING DISC		"		
13	RUDDER PLATE .60"	O	"	4.20	
14	RUDDER TOP PLATE .60"	O	"	0.13	
15	" BOTTOM " .60"	O	"	0.13	
16	VERTICAL STIFFENER .44"	O	"	0.15	
17	HORIZONTAL " .44"	O	"	0.32	
18	EDGE PIECE	O	FORGED STEEL.	0.18	
19	RIMER BOLT FOR RUDDER STOCK COUPLING WITH PIN	O	MILD STEEL.		